Headquarters U. S. Air Force

Integrity - Service - Excellence

AF Test and Evaluation

Session II: Test Requirements
Aerial Targets

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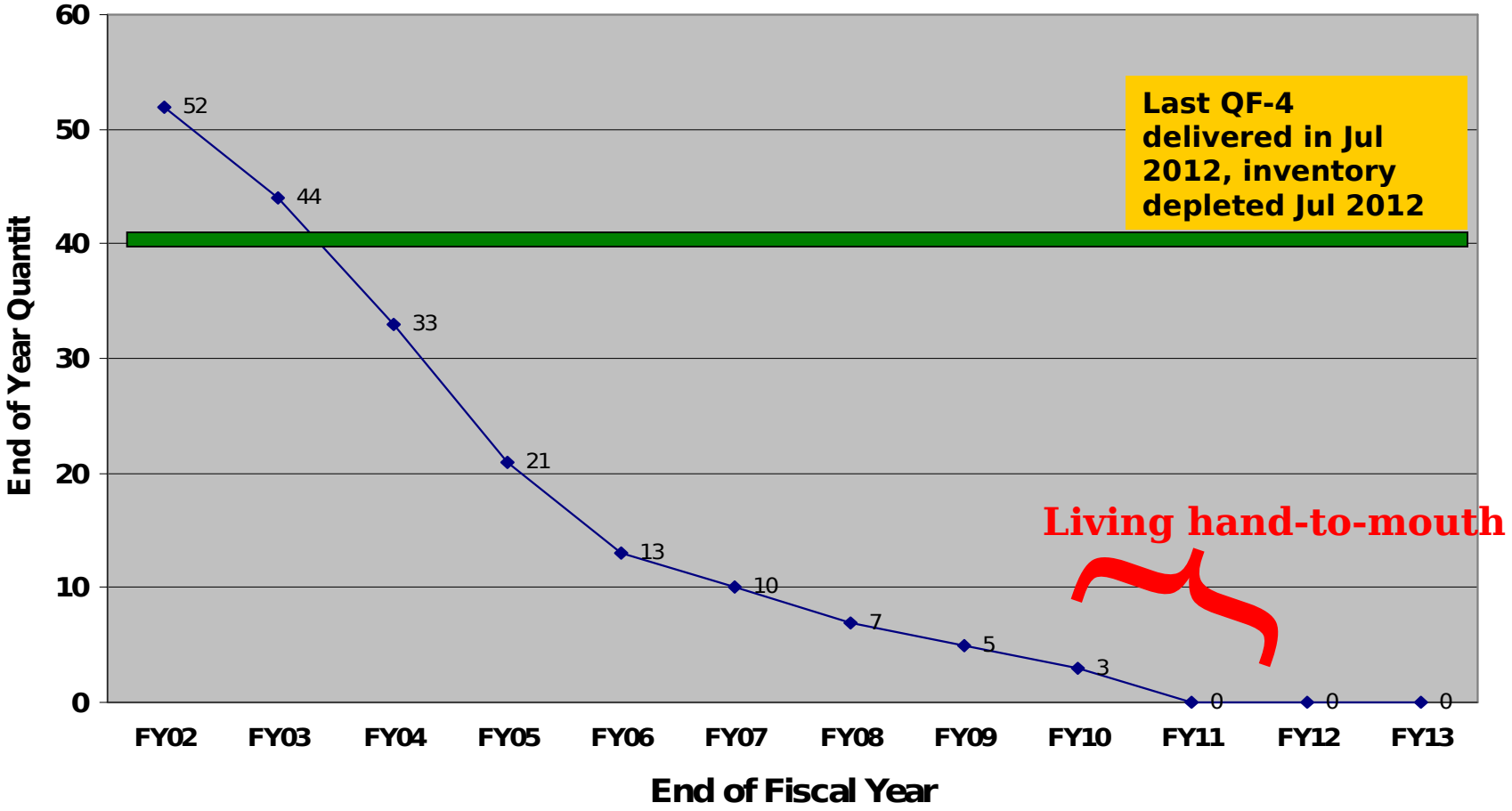
Full & Sub-scale Aerial Targets Overview

- **2 locations -- Tyndall AFB and Holloman AFB (WSMR)**
  - 20 x QF-4s required to maintain full-time test capability at each operating location
- **HQ USAF/TEP manages kill authorizations (KAs)**
  - “Honest broker” among all requestors
  - Non-OSD Oversight programs reduced to near zero
- **Navy wants AF to support all Navy QF-4 tests**
  - Navy QF-4 operations end June ‘04
  - MOA in coordination for Navy use of AF QF-4s
  - Accelerated depletion of QF-4s

QF-4 Operational Inventory (EOY) with FY04 Congressional Plus-up

AAC/WMRA



- Assumes USAF kill rate of 25/yr and all FMS/Navy/Army assets killed in year delivered
  - -- Exception: USAF allowed only 23 kills in FY11 and 20 kills in FY12
- Inventory reflects current FY04 President Budget and FY 04 Congressional Plus-up of $6.4M
- FY10 = last production lot buy (20 for USAF)...last expected delivery = July 2012

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Future Challenges
Aerial Targets/Drones

- **Inventory management of KA Requests while meeting AF and Navy test requirements**
- **QF-4 replacement - Air Superiority Target (AST)**
  - AST will be a more current, threat representative and capable target
  - F-16s in boneyard to be “fenced” until decision is made
- **Air Force Sub-scale Aerial Target - (AFSAT)**
  - BQM-167 sub-scale replacing BQM-34/MQM-107
  - Required Assets Available in FY06

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Current Events in TE

- **Resources:**
  - Defense Test Resource Management Center (DTRMC)
  - AFMC Restructuring (Developmental T&E Center)
  - Potential BRAC
  - F/A-22, JSF
  - Spiral Development
  - Aerial Targets
- **Technological:**
  - Hypersonics
  - Directed Energy
  - Chem Bio
  - Interoperability
    - Joint Tactical Radio System (JTRS)
    - Test Enabling Network Architecture (TENA)
  - Spectrum Allocation
  - Unmanned vehicles
    - Predator
    - Global Hawk
    - UCAV

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Session II: Test Requirements Speakers

- **Mr. David Grow** (Assistant Project Manager for Test, Training and Technology Integration, US Army)
  - "Army Testing and Training Requirements – Using An Automated Tool"
- **Mr. Eric Saikin** (Project Director, Advanced Technology Testing Team, US Navy)
  - "Meeting Aerial Targets Requirements using Low Earth Orbit Satellites"
- **Mr. Louis Lassard** (Test Resource Manager, Commander Operational Test and Evaluation Force, US Navy)
  - "Operational Testing Aerial Resources Requirements: What Future T&E Will Demand"